

~~DO NOT FINGERPRINT~~  
What is Claimed is

~~Sub 1:~~ A flat information recording/processing device that is characterized by having a thin sensor for detecting fingerprints and a conversion unit that converts the fingerprint data detected by the fingerprint sensor into digital electrical signals.

~~2.~~ A flat information recording/processing device that is characterized by having a thin sensor for detecting fingerprints, a memory unit that stores the fingerprint data detected by the sensor as registered fingerprint data, and a fingerprint matching unit that compares newly detected fingerprint data with the registered fingerprint data stored in the memory.

~~3.~~ A flat information recording/processing device that is characterized by having a thin sensor for detecting fingerprints, a memory unit that stores the fingerprint data detected by the sensor as registered fingerprint data, and a fingerprint matching unit that compares newly detected fingerprint data with the registered fingerprint data stored in the memory and outputs a "Yes" signal when there is a match of the fingerprints in the comparison.

4. A flat information recording/processing device described in one of the claims 1-3 above and which is characterized by having a second memory unit in which specific information about each user is stored.

5. A flat information recording/processing device described in one of the claims 1-4 above in which the fingerprint sensor is a surface pressure input type sensor.

*Sub add.* A flat information recording/processing device that has a portable information recording unit equipped with a thin sensor for detecting fingerprints, a first memory unit that stores the fingerprint data detected by the sensor as registered fingerprint data and a second memory unit in which user-specific information is kept, and an information processing unit that is equipped with a fingerprint matching unit that compares newly detected fingerprint data with the registered fingerprint data stored in the first memory unit and a display unit that displays the user-specific information stored in the above-mentioned second memory unit and information processing unit which can display the above information in the above display when there is a match of fingerprints.

7. The information recording/processing unit described in claim 6 above in which the information processing unit is capable of reading out, writing in, and rewriting the information stored in the second memory unit of the information recording unit.

8. The information recording/processing unit described in claim 6 or 7 above in which the information processing unit is further equipped with a second thin fingerprint sensor for detecting fingerprints and a third memory unit that stores the

fingerprint data detected by the second fingerprint sensor as registered fingerprint data.

~~Sub C3~~ C3. A machine/system control device that is characterized by having a fingerprint sensor for detecting finger prints, a fingerprint matching unit that compares fingerprint data detected by the above-mentioned sensor with pre-registered fingerprint data, and a control mechanism that controls the functions or operation of the machine/system according to the user-specific information specified by the fingerprint, when there is a match of fingerprints.

10. A machine/system control device that is characterized by having a fingerprint sensor for detecting fingerprints, a first memory unit that stores the fingerprint data detected by the sensor as registered fingerprint data, a fingerprint matching unit that compares fingerprint data detected by the above-mentioned sensor with the registered fingerprint data stored in the memory unit, and a control mechanism that controls the functions or operation of the machine/system according to the user-specific information specified by the fingerprint, when there is a match of fingerprints.

11. A machine/system control device that is specified in claim 9 or 10 above in which the user-specific information is age.

12. A machine/system control device that is specified in  
claim 9, 10 or 11 above in which the fingerprint sensor is a  
surface pressure input type fingerprint sensor.

*Add A4*

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